

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010103

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04M3/51 H04M3/36 H04M7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 889 799 A (GROSSMAN HARRY ET AL) 30 March 1999 (1999-03-30)	1,3,6
Y	column 2, line 57 - column 4, line 34 column 5, line 39 - line 46 column 7, line 8 - line 15 claims 1,3,4,10 figures 1,5A abstract	2,4,5
X	EP 0 874 508 A (HARRIS CORP) 28 October 1998 (1998-10-28) column 2, line 19 - column 3, line 53 figures 1,4 abstract	1,6
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

27 January 2005

Date of mailing of the international search report

15/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 011 841 A (ISONO OSAMU) 4 January 2000 (2000-01-04) column 2, line 64 - column 3, line 43 column 7, line 46 - line 65 column 13, line 66 - column 14, line 5 figures 3A, 3C, 18 abstract	2, 5
Y	US 6 249 809 B1 (BRO WILLIAM L) 19 June 2001 (2001-06-19) column 3, line 9 - column 4, line 25 abstract	4

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010103

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5889799	A	30-03-1999	US 5621790 A	15-04-1997
			US 5436965 A	25-07-1995
			AU 1176495 A	06-06-1995
			CA 2176816 A1	26-05-1995
			EP 0729683 A1	04-09-1996
			WO 9514342 A1	26-05-1995
EP 0874508	A	28-10-1998	JP 10304089 A	13-11-1998
			EP 0874508 A1	28-10-1998
US 6011841	A	04-01-2000	JP 2905358 B2	14-06-1999
			JP 6326774 A	25-11-1994
US 6249809	B1	19-06-2001	US 5722418 A	03-03-1998
			US 5377258 A	27-12-1994
			AU 687092 B2	19-02-1998
			AU 7632694 A	22-03-1995
			BR 9407518 A	07-01-1997
			CA 2168788 A1	09-03-1995
			CN 1130006 A	28-08-1996
			EP 0726005 A1	14-08-1996
			JP 9502067 T	25-02-1997
			WO 9506993 A1	09-03-1995
			US 5596994 A	28-01-1997